IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: U.S. Patent No. 6,917,812 B2

USPTO CONFIRMATION CODE: 2730

APPLICATION NO.: 10/005,980

FILED: December 3, 2001

EXAMINER: Stephen M. D'Agosta

GROUP ART UNIT: 2683

FOR: AIR INTERFACE SCHEDULER FOR WIRELESS COMMUNICATION
NETWORKS

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION
FOR USPTO AND/OR APPLICANT MISTAKE

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

SIR:

The following is a request for a certificate of correction in Serial Number 10/005,980, now Patent Number 6,917,812 B2.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

The errors were the fault of both the applicant and USPTO and, accordingly, please charge **$100.00** to our Deposit Account No. 50-1379. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

1

On the Face Page, in Field (56), under "OTHER PUBLICATIONS", in Column 2, Line 1, delete "Qos" and insert - - QoS - -, therefor.
(LIST OF REFERENCES CITED BY APPLICANT AND CONSIDERED BY EXAMINER DATED SEPTEMBER 15, 2004, SHEET 1 OF 2, UNDER "OTHER DOCUMENTS", SECTION C, LINE 1)

In Column 5, Line 25, in Equation "2", delete "$i \neq 1^*$" and insert - - $i \neq i^*$ - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 9, EQUATION 2)

In Column 7, Line 48, Equation (8), delete "$U_i(R_i) = \tau_i R_i + (I - \tau_i) \log(R_i - R_{i,min}),$" and insert - - $U_i(R_i) = \tau_i R_i + (1 - \tau_i) \log(R_i - R_{i,min})$, - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 13, EQUATION 8)

In Column 9, Lines 13-16, Equation (14),

delete "$\max_i \dfrac{DRC}{E[DRC_i]} \cdot a_i \exp\left(\dfrac{a_i D_i(t) - E[aD]}{1 + \sqrt{E[aD]}}\right),$"

and insert - - $\max_i \dfrac{DRC_i}{E[DRC_i]} \cdot a_i \exp\left(\dfrac{a_i D_i(t) - E[aD]}{1 + \sqrt{E[aD]}}\right),$ - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 16, EQUATION 14)

In Column 10, Lines 17-20, Equation (18),

delete "$\max_i \dfrac{DRC}{E[DRC_i]} \cdot a_i \exp\left(\dfrac{a_i D_i(t) - E[aD]}{1 + \sqrt{E[aD]}}\right),$"

and insert - - $\max_i \dfrac{DRC_i}{E[DRC_i]} \cdot a_i \exp\left(\dfrac{a_i \alpha_i D_i(t) - E[\alpha aD]}{1 + \sqrt{E[\alpha aD]}}\right),$ - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 18, EQUATION 18)

In Column 10, Lines 32-35, Equation (19), delete "$\max\left(\dfrac{DRC}{E[DRC_i]}\right)\left(\dfrac{D_{i,max}}{D_{i,max} - \tau_i D_i(t)}\right)^\gamma,$"

and insert - - $\max\left(\dfrac{DRC_i}{E[DRC_i]}\right)\left(\dfrac{D_{i,max}}{D_{i,max} - \alpha_i D_i(t)}\right)^\gamma$ - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 18, EQUATION 19)

In Column 10, Lines 36-39, Equation (20), delete " $\max\left(\dfrac{DRC_i}{R_i - R_{i,min}}\right)\left(\dfrac{D_{i,max}}{D_{i,max} - \alpha_i D_i(t)}\right)^{\gamma}$ "

$$\max\left(\frac{DRC_i}{R_i - R_{i,min}}\right)\left(\frac{D_{i,max}}{D_{i,max} - \alpha_i D_i(t)}\right)^{\gamma}$$

and insert - -   - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 18, EQUATION 20)

In Column 10, Line 51, delete "QOS" and insert - - QoS - -, therefor.
(ORIGINALLY FILED SPECIFICATION DATED DECEMBER 3, 2001, PAGE 18, LINE 19)

In Column 12, Line 40, in Claim 8, delete "8" and insert - - 1 - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 3 OF 13, CLAIM 10, LINE 1)

In Column 12, Line 42, in Claim 8, delete "far" and insert - - for - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 3 OF 13, CLAIM 10, LINE 3)

In Column 13, Line 25, in Claim 17, delete "each;" and insert - - each user; - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 5 OF 13, CLAIM 19, LINE 2)

In Column 13, Line 41, in Claim 20, delete "me" and insert - - the - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 5 OF 13, CLAIM 23, LINE 1)

In Column 13, Line 42, in Claim 20, delete "$(R_i=R_{i,min})$" and insert - - $(R_i-R_{i,min})$ - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 5 OF 13, CLAIM 23, LINE 2)

In Column 13, Line 47, in Claim 21, delete "vanes" and insert - - varies - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 6 OF 13, CLAIM 24, LINE 2)

In Column 13, Line 50, in Claim 22, delete "$(Ri-Ri,min)$" and insert - - $(R_i-R_{i,min})$ - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 6 OF 13, CLAIM 25, LINE 2)

In Column 13, Line 53, in Claim 22, delete "$(Ri-Ri,min)$" and insert - - $(R_i-R_{i,min})$ - -, therefor.

(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 6 OF 13, CLAIM 25, LINE 4)

In Column 15, Line 9, in Claim 36, delete "mettle" and insert - - metric - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 9 OF 13, CLAIM 40, LINE 2)

In Column 15, Line 39, in Claim 39, delete "and)" and insert - - and - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 10 OF 13, CLAIM 43, LINE 10)

In Column 15, Line 45, in Claim 40, after "metric" insert - - for each user as the ratio - -.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 10 OF 13, CLAIM 45, LINE 2)

In Column 16, Line 8, in Claim 42, delete "DRC," and insert - - DRC_j - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 10 OF 13, CLAIM 47, LINE 3)

In Column 16, Line 11, in Claim 43, delete "We" and insert - - the - -, therefor.
(AMENDMENTS TO THE CLAIMS DATED FEBRUARY 18, 2005, PAGE 10 OF 13, CLAIM 48, LINE 2)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

, 2007   /SIDNEY L. WEATHERFORD,Reg#45602/
DATE   Sidney L. Weatherford
                                       Registration No. 45602

                                       Attorney of Record